

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(audio or sound) near\$5 ((channel\$4 adj (identification) or ID)) or (sub adj program\$4) and ((PID or packet) adj id)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/03 10:39
		(audio or sound) near\$5 ((channel\$4 adj (identification) or ID)) or (sub adj program\$4) and ((PID or packet) adj id))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/03 10:39
		(audio or sound) near\$5 (channel\$4 adj identification) or ID)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/08/03 10:28
		frequency adj divid\$\$	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/07/28 09:52
		(audio or sound) near\$5 (channel\$4 adj indentification) or ID)	USPAT; EPO	OR	OFF	2006/08/03 10:28
		(audio or sound) near\$5 (channel\$4 adj indentification) or ID))	USPAT; EPO	OR	OFF	2005/01/08 15:03
		moon.inv. and ((channel adj indentification) or (id)) and ((audio adj video) or (audio/video) or (A/searching among the sub-audio data streams of the another program for whether there is a sub-audio data stream having a channel ID which has a higher precedence than the precedence of the channel ID assigned to the sub-audio data stream of the program which was reproduced before the program was changed; and when the sub-audio data stream having the channel ID which has the higher precedence than the precedence of the channel ID assigned to the sub-audio data stream of the program which was reproduced before the program was changed exists in the another program, selecting, from the sub-audio data streams of the another program, the sub-audio data stream having the channel ID which has the higher precedence than the precedence of the channel ID assigned to the sub-audio data stream of the program which was reproduced before the program was "changed." )	USPAT; EPO	OR	OFF	2005/01/08 11:51

## EAST Search History

L1	12465	((700/94).cccls.) and ( (channel\$4 adj indentification) or ID)  (audio adj channel\$4 adj (indentification) or (ID)) same (detect\$4 or select\$4 or switch\$4)  ((700/94).cccls.) and (audio adj (channel\$4 adj indentification) or ID))  channel\$4 adj ((identif\$5) or ID)	USPAT; EPO  USPAT; EPO  USPAT; EPO  US-PGPUB; USPAT; USOCR; EPO; JPO	OR  OR  OR  OR	OFF  OFF  OFF  OFF	2005/01/03 15:37  2007/01/08 15:14  2006/02/14 14:55  2007/01/08 15:11
L2	1057	((700/94).cccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/08 15:12
L3	84	(audio adj channel\$4 ) same ( (indentification) or (ID)) same (detect\$4 or select\$4 or switch\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:20
L4	1918	(audio adj channel\$4 ) and ( (indentification) or (ID)) and (detect\$4 or select\$4 or switch\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:15
L5	32	(audio adj channel\$4 ) same ( (indentification) or (ID)) same (detect\$4 or select\$4 or switch\$4) and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:16
L6	84	(audio adj channel\$4 ) same ( (identif\$7) or (ID)) same (detect\$4 or select\$4 or switch\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:55
L7	1522	((370/498 or 370/486).cccls.)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:22
L8	210	((380/240).cccls.)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:22
L9	4477	((386/97-99 or 386/125-126).cccls.)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:23
L10	352	((348/484 or 348/485).cccls.)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:24
L11	998	((348/731 or 348/462).cccls.)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:25
L12	1275	((725/135 or 725/118 or 725/43).cccls.)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:28

## EAST Search History

L13	0	2 and 6 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:56
L14	1121	(audio adj channel\$4 ) and ( (identif\$7) or (ID)) same (detect\$4 or select\$4 or switch\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:28
L15	1932	(audio adj channel\$4 ) and ( (identif\$7) or (ID)) and (detect\$4 or select\$4 or switch\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:55
L16	11	2 and 15 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:29
L17	0	7 and 6 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:34
L18	0	8 and 6 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:34
L19	2	9 and 6 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:36
L20	1	10 and 6 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:37
L21	1	11 and 6 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:41
L22	1	12 and 6 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:43
L23	4	12 and 15 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:46
L24	2	11 and 15 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:46
L25	13	10 and 15 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:52
L26	5	8 and 15 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:52
L27	4926	(audio adj channel\$4 ) and ( (identif\$7) or (ID)) and (detect\$4 or select\$4 or switch\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:55

## EAST Search History

L28	349	(audio adj channel\$4 ) same (identif\$7) or (ID)) same (detect\$4 or select\$4 or switch\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 15:55
L29	155	28 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 16:09
L30	0	28 and 2 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 16:09
L31	15	27 and 2 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 16:11
L32	1	28 and 7 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 16:11
L33	3	28 and 8 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 16:12
L34	3	28 and 9 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 16:14
L35	6	28 and 10 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 16:16
L36	2	28 and 11 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 16:18
L37	1	28 and 12 and @ay<="1998"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 16:31
L38	2	"6694091"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/08 16:31
L39	5	("5130816"   "5519681"   "5686954"   "5902115").PN. OR ("6694091").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 16:33
L40	2	"6813281"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 16:34
L41	7	("5691983"   "5987417"   "6021139"   "6301558"   "6339756"   "6597861").PN. OR ("6813281").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 16:35
L42	6	"6028979"	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 16:35

## EAST Search History

L43	145	("4305131"   "4317131"   "4333152"   "4353090"   "4433347"   "4490752"   "4510531"   "4519008"   "4542419"   "4551771"   "4563709"   "4569026"   "4583132"   "4602295"   "4604655"   "4613908"   "4614979"   "4614982"   "4641204"   "4642703"   "4647985"   "4656528"   "4660099"   "4669070"   "4680647"   "4685098"   "4703369"   "4707818"   "4709277"   "4736258"   "4752832"   "4752835"   "4763207"   "4768104"   "4768106"   "4774596"   "4779252"   "4792861"   "4800446"   "4802018"   "4814897"   "4849827"   "4849828"   "4858024"   "4868678"   "4872068"   "4893193"   "4905077"   "4914523"   "4916553"   "4916683"   "4920424"   "4930158"   "4947265"   "4951155"   "4956725"   "4970602"   "4989097"   "4992886"   "5010417"   "5016113"   "5040067"   "5043826"   "5043830"   "5063551"   "5065252"   "5089899"   "5097349"   "5107343"   "5122886"   "5126851"   "5130816"   "5132807"   "5136394"   "5161034"   "5175631"   "5177645"   "5191436"   "5218454"   "5221965"   "5224087"   "5233438"   "5241399"   "5243582"   "5243588"   "5245600"   "5249166"   "5253120"   "5257253"   "5270828"   "5280572"   "5282049"   "5282186"   "5287226"   "5289288"   "5294997"   "5295024"   "5315400"   "5315570"   "5327406"   "5336844"   "5355229"   "5365502"   "5371602"   "5396374"   "5400077"   "5400305"   "5400315"   "5400433"   "5406381"   "5412514"   "5414455"   "5420690"   "5420839"   "5424850"   "5434678"   "5434829"   "5440529"   "5442456"   "5448368"   "5455684"   "5497241"   "5506370"   "5508816"   "5513010").PN. OR ("5521900"   "5535008"   "5541737"   "5543925"   "5546368"   "5561649"   "5576843"   "5587979"   "5596564"   "5617407"   "5619338"   "5630006"   "5646931"   "5652824"   "5655052"). PN. OR ("6028979").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 16:36
-----	-----	---	------------------------------	----	----	------------------

## EAST Search History

L44	17	("4774582"   "4811085"   "4984083"   "5369441"   "5436875"   "5493414"   "5650827"   "5867209"   "5956452"   "5959690"   "6028979"   "6052506"   "6094521"   "6198769"   "6201925"   "6370324"   "6430361").PN. OR ("7010215").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/08 16:37
S1	49	((("5874997") or ("5619337") or ("5930252") or ("5966120") or ("5661665") or ("5796724") or ("5828414") or ("6157625") or ("5420640") or ("5420866") or ("5502499") or ("5506904") or ("5583562") or ("5675743") or ("5757416") or ("5828403") or ("5859660") or ("5889515") or ("5905713") or ("5920572") or ("5923869") or ("5973685") or ("6026506") or ("6064676") or ("6067303") or ("6072771") or ("6078594") or ("6088357") or ("6091772") or ("6101195") or ("6111896") or ("6115422") or ("6148082") or ("6169843") or ("6181334") or ("6181706") or ("6181712") or ("6195368") or ("6195403") or ("6198877") or ("6204843") or ("6215484") or ("6215484") or ("6229801") or ("6246701") or ("5315584") or ("5319707") or ("5428732") or ("5467342") or ("5473385")).PN.	USPAT; EPO	OR	OFF	2004/12/23 09:58
S2	206	((700/94).ccls.)	USPAT; EPO	OR	OFF	2007/01/08 15:12
S3	35	((700/94).ccls.) and (audio adj (channel\$4 adj indentification) or ID)	USPAT; EPO	OR	OFF	2006/08/02 16:31
S4	116	((386/97).ccls.)	USPAT; EPO	OR	OFF	2004/12/23 10:59
S5	495	((386/96).ccls.)	USPAT; EPO	OR	OFF	2004/12/23 11:36
S6	126	((386/96).ccls.) and (audio adj (channel\$4 adj indentification) or ID)	USPAT; EPO	OR	OFF	2004/12/23 11:37
S7	190	((386/98).ccls.)	USPAT; EPO	OR	OFF	2004/12/23 11:31
S8	58	((386/99).ccls.)	USPAT; EPO	OR	OFF	2004/12/23 11:32
S9	909	((386/125).ccls.)	USPAT; EPO	OR	OFF	2004/12/23 11:32
S10	321	((386/125).ccls.) and (audio adj (channel\$4 adj indentification) or ID)	USPAT; EPO	OR	OFF	2004/12/27 16:14